

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: J6872(C)
Applicant: Robert CARSON; Surajit MUKHERJEE; Uma SANTHANAM
For: **Skin Microactivation System and Method**
Express Mail No.: ER 258 043 929 US
Date Deposited: March 15, 2004
UNUS No.: 01-R702-EDG/R

Edgewater, New Jersey 07020

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Documents relating to the above-identified application are submitted herewith. The following information is intended for the Examiner's information and for citation with the instant case. This submission does not constitute either a representation that a thorough search has been made or an admission that the documents cited herein are properly citable against the above-identified application. Comments accompanying the documents, if any comments are included, are believed to constitute a concise explanation of the relevance of the documents. However, any such comments are not intended to take the place of the Examiner's independent consideration of each document. An attached PTO Form 1449 lists these documents.

No additional fee is required since this information is filed prior to the first Office Action on the merits. (37 CFR 1.97(b)(3))

References:

US 5,591,139 (Lin et al.)
US 5,879,326 (Godshall et al.)
US 6,187,210 (Lebouitz et al.)
US 6,256,533 (Yuzhakov et al.)
US 6,312,612 (Sherman et al.)
US 6,591,124 (Sherman et al.)
US 6,565,532 (Yuzhakov et al.)
US 6,652,478 (Gartstein et al.)
US 6,451,240 (Sherman et al.)
US 2002/0169411 (Sherman et al.)
US 2002/091922 (Shrader et al.)
US 2003/030984 (Fung)

References (cont'd.)

Website printout www.utdallas.edu, "Microneedle Array for BioMEMS", Kim, K. et al., © University of Texas at Dallas (2001) - 2 pp.

Website printout mems.mirc.gatech.edu/research, Biomedical Devices Research, McAllister, D.V. et al. "Micromachined Needles for Transdermal Drug Delivery" (2001) - 2 pp.

Website printout www.healthtech.com/conference, Prausnitz, M.R. et al., "Microfabricated Microneedles for Transdermal Drug Delivery" Ohio State University Seminar, September 23-26, (2000) - 1 p.

Website printout www.mic.hawaii.edu, Kenney, Dr. C., "Method of Fabricating Arrays of Microneedles", UH ref. no. 00225, Technology Licensing Group, University of Hawai'i (2001) - 1 p.

Website printout www.vivida-sa.co.za, for ENVIRON® Cosmetic ROLL-CIT™, (2004) - 4 pp.

Respectfully submitted,



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PTO-1449

U.S. Dept. of Commerce - Patent & Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT**LIST OF REFERENCES CITED BY APPLICANT**

Applicant: Carson et al
 Serial No.: To be assigned
 Filing Date: March 15, 2004

Case No.: J6872(C)
 UNUS No.: 01-R702-EDG/R
 Group: Unknown

U.S. PATENT DOCUMENTS						
EXAM. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,591,139	01/97	Lin et al.			
	5,879,326	03/99	Godshall et al.			
	6,187,210	02/01	Lebouitz et al.			
	6,256,533	07/01	Yuzhakov et al.			
	6,312,612	11/01	Sherman et al.			
	6,591,124	07/03	Sherman et al.			
	6,565,532	05/03	Yuzhakov et al.			
	6,652,478	11/03	Gartstein et al.			
	6,451,240	09/02	Sherman et al.			
	2002/0169411	11/02	Sherman et al.			
	2002/091922	07/02	Shrader et al.			
	2003/030984	02/03	Fung			
FOREIGN PATENT DOCUMENTS						
EXAM. INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Website printout www.utdallas.edu, "Microneedle Array for BioMEMS", Kim, K. et al., © University of Texas at Dallas (2001) - 2 pp.

Website printout mems.mirc.gatech.edu/research, Biomedical Devices Research, McAllister, D.V. et al. "Micromachined Needles for Transdermal Drug Delivery" (2001) - 2 pp.

Website printout www.healthtech.com/conference, Prausnitz, M.R. et al., "Microfabricated Microneedles for Transdermal Drug Delivery" Ohio State University Seminar, September 23-26, (2000) - 1 p.

Website printout www.mic.hawaii.edu, Kenney, Dr. C., "Method of Fabricating Arrays of Microneedles", UH ref. no. 00225, Technology Licensing Group, University of Hawai'i (2001) - 1 p.

Website printout www.vivida-sa.co.za, for ENVIRON® Cosmetic ROLL-CIT™, (2004) - 4 pp.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.